

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appin. No.: 10/673,000  
Applicant: Anne Skaja Robinson, et al.  
Filed: Sept. 26, 2003  
Title: Use of hydrostatic pressure to inhibit and reverse protein aggregation and facilitate protein refolding  
TC/A.U.: 1639  
Examiner: Amber D. Steele  
Confirmation No.: 9773  
Docket No.: UOD-154US1

**DECLARATION OF JERSON LIMA SILVA UNDER 37 C.F.R. § 1.132**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Jerson Lima Silva hereby declare

1. I am a co-inventor for the subject matter of the claims in U.S. Patent Application 10/673,000.
2. I am a listed co-author of the publication titled "Hydrostatic pressure rescues native protein from aggregates," *Biotechnol. Bioeng.* 63: 552-558, 1999, and I understand that this publication has been cited against the above referenced patent application.
3. Dr. Anne S. Robinson, Dr. Clifford R. Robinson, and Dr. Debora Foguel, co-authors on this paper, are also co-inventors of the above referenced patent application.
4. At the time the research reported in the publication was performed, Dr. Anne Robinson and Dr. Clifford Robinson were visiting research scientists and Dr. Foguel and I were professors at the Federal University of Rio de Janeiro.
5. At the time the research reported in the publication was performed, Pedro Caetano de Sousa, Jr. was a graduate student at the Federal University of Rio de Janeiro.

6. Mr. de Sousa performed experiments under the direction and supervision of Dr. Anne Robinson and Dr. Foguel, and made no inventive contribution to the subject matter of the above identified patent application.

7. The relevant subject matter that is disclosed in the publication describes the work of applicants, Dr. Anne Robinson, Dr. Clifford Robinson, Dr. Foguel and me, notwithstanding the listed authorship of the publication.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

  
Jerson Lima Silva

JULY 22<sup>nd</sup> 2008  
Date